

**Notice of Allowability**

Application No.

10/692,880

Examiner

Sun J. Lin

Applicant(s)

TING, BENJAMIN S.

Art Unit

2825

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendments & Remarks filed on 10/13/2005.
2. ☒ The allowed claim(s) is/are 1-110, renumbered (37 CFR 1.126).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 10/23/03.
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### ***TERMINAL DISCLAIMER***

The terminal disclaimer filed on *October 13, 2005* disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of *US Patent No. 6,433,580 granted on August 13, 2002* has been reviewed and is accepted. The terminal disclaimer has been recorded.

### ***Examiner's Amendment***

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given by applicant's attorney Daniel E. Ovanezian ayes Soloway on November 11, 2005. The application has been amended, based on Amendments filed on 10/13/2005, as follows:

Claim 24, line 1, after "method" insert **—of operating an integrated circuit—**.  
Claim 52, line 1, after "method" insert **—of operating an integrated circuit—**.  
Claim 67, line 1, after "method" insert **—of operating an integrated circuit—**.  
Claim 83, line 1, after "method" insert **—of operating an integrated circuit—**.

### ***Reasons for Allowance***

Claims 1 – 110 are allowed over the prior art of record. An examiner's statement of reasons for allowance is given in the following:

As to Claims 1 – 110, the prior art does not teach or fairly suggest the following subject matter:

- An integrated circuit comprising multiple conductors having a variety of combinations of different spans; one conductor (e.g., first conductor) is selectively coupled to a specific conductor (e.g., second conductor) through one switch without requiring traversal of another conductor in combination with other limitations as recited in independent Claims 1, 38, 57 and 69, respectively.

Art Unit: 2825

- A method of operating an integrated circuit comprising providing multiple conductors having a variety of combinations of different spans; selectively coupling one conductor (e.g., first conductor) to a specific conductor (e.g., second conductor) through one switch without requiring traversal of another conductor in combination with other limitations as recited in independent Claims 24, 52, 67 and 83, respectively.

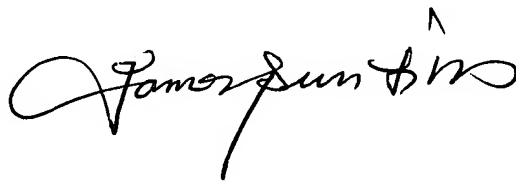
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sun J. Lin whose telephone number is (571) 272 – 1899. The examiner can normally be reached on Monday to Friday from 9:00am to 6:00pm.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

Sun J. Lin  
Patent Examiner  
Art Unit 2825  
November 11, 2005

A handwritten signature in black ink, appearing to read "James Sun", with a small upward-pointing arrow above the letter "n".